

- Ichimura, T., 245  
 Ikizceli, I., 508  
 Isaacs, S., 548  
 Ishige, T., 63  
 Iwanczyk, L., 621  
  
 Jabr, F.I., 624  
 Jacob, S., 127  
 Jacobs, B.P., 187  
 Jacoby, J.L., 61, 325  
 Jain, H., 127  
 Jang, T., 439  
 Jenkins, J.L., 321  
 Jerrard, D., 10, 503  
 Johnson, L., 575  
 Jolley, S.J., 226  
 Jones, J.S., 101, 201, 454  
  
 Kao, W.-F., 276  
 Kara, I.H., 328  
 Karras, D.J., 612  
 Katz, D.S., 502, 504  
 Kec, R., 145  
 Kessler, C., 530  
 Kiliç, Ş., 508  
 Kinon, B.J., 181  
 Kirkpatrick, R., 133  
 Kivela, P., 575  
 Klein-Schwartz, W., 335  
 Knöbl, P., 4  
 Ko, P.C.-I., 289  
 Kofler, J., 4  
 Koito, K., 245  
 Kolodchak, J., 625  
 Konicki, P.J., 505  
 Kontos, M.C., 156  
 Kotsuji, F., 242  
 Kraft, P., 4  
 Krauss, B., 76  
 Krenn, C.G., 4  
 Kroeze, B., 454  
 Kueppers, F., 612  
 Kulstad, C.E., 111  
 Kulstad, E.B., 111, 505  
 Kumandaş, S., 626  
 Kurimoto, Y., 246  
  
 Lahmann, T.-N., 241  
 Lai, T.-I., 507  
 Lambert, Y., 238  
 Lander, O., 582  
 Langdorf, M.I., 575  
 Lapid, O., 586  
 Lateef, F., 483  
 Lee, C.C., 426  
 Lee, C.-H., 214, 276  
 Lee, D.C., 502  
 Lee, Y.-T., 141  
 Leffler, S., 98  
 Leimenstoll, B., 71  
 Leslie, C.L., 509  
 Lester, J., 94  
 Li, J.Z., 187  
 Lien, W.-C., 235, 507  
 Lim, K.E., 301  
 Lin, G.-S., 507  
 Lin, H.-J., 511  
 Lin, H.-L., 511  
  
 Lin, S.-H., 544  
 Lin, S.-M., 492  
 Litovitz, T.L., 335  
 Locker, G.J., 4  
 López, M., 620  
 Lovell, E.O., 111  
 Lu, K.-C., 544  
 Lu, M.Y., 317  
 Lubavin, B.V., 236  
 Lucas, M., 197  
 Lyon, M., 589, 601  
  
 Mabry, B., 316  
 Madan, A., 294  
 Maddela, P., 623  
 Mahadevan, M., 615  
 Manfredini, R., 555  
 Mann, M.D., 548  
 Marafioti, V., 62  
 Marr, J.K., 264  
 Martel, M.L., 238  
 Martina, B., 71  
 Martinez, V., 124  
 Martinez-Burgui, J.A., 320  
 Martin-Gill, C., 448  
 Mathew, M., 127  
 Matsuyama, T., 207  
 Mayes, D.C., 149  
 McCabe, C., 405, 633  
 McCarthy, R., 124  
 McCulloch, C.E., 187  
 McGoldrick, M.D., 126  
 McIntosh, S.E., 98  
 McKay, M.P., 498  
 McMullen, E., 181  
 Meeuwis, J.D., 522  
 Mehta, R.H., 555  
 Meiner, E.M., 502, 504  
 Melanson, S., 325  
 Miller, A.L., 234  
 Miller, M.A., 124  
 Miller, M.D., 607  
 Milojevic, K.G., 238  
 Mintegui, S., 323  
 Montano, G., 280  
 Morandi, P., 501  
 Morgan, D.L., 211  
 Muelleman, R.L., 87  
 Müller, J.M., 629  
 Mullins, M., 27  
 Munne, P., 323  
 Murao, Y., 207  
  
 Naimier, S.A., 586  
 Naito, Y., 245  
 Napoli, A., 437  
 Narimatsu, E., 246  
 Nash, M., 586  
 Naunheim, R., 439  
 Nelson, B.P., 582  
 Nelson, L.S., 316  
 Nelson, M., 138, 502  
 Nelson-Horan, C., 201  
 Nikolic, A., 4  
 Nishijima, K., 242  
 Niv, A., 586  
 Nolte, C.H., 241  
 Noordergraaf, A., 537  
  
 Noordergraaf, G.J., 537  
 Noseworthy, T., 149  
 Nowak, R.M., 29  
  
 Okamoto, M., 63  
 Okuchi, K., 207  
 Olinger, M., 129  
 Olivia, M., 226  
 Olshaker, J., 10  
 Oman, J., 575  
 O'Neill, W.L., Jr., 594  
 Orak, M., 328  
 Orisaka, M., 242  
 O'Shea, J.S., 273  
  
 Padgett, R.G., 493  
 Pancu, D., 115  
 Pang, P.S., 474  
 Papazian, J., 51  
 Parker, J.F., 273  
 Parramore, C.S., 58  
 Parry, B.A., 474  
 Parsiak, K., 131  
 Patel, D., 612  
 Patel, H., 118  
 Patel, M.M., 124  
 Patterson, J., 61  
 Paul, M., 629  
 Peleg, K., 164  
 Per, H., 626  
 Perron, A.D., 65, 596, 607  
 Perrott, C.A., 48  
 Petinaux, B., 318  
 Pheln, M.P., 479  
 Phippen, S., 280  
 Pickelsimer, E.E., 465  
 Pinson, A.G., 330  
 Piper, D., 530  
 Plerhoples, W., 460  
 Pliskin, J.S., 164  
 Pollack, C.V., Jr., 14  
 Popavetsky, G., 497  
 Pope, J.H., 156, 568  
 Portaluppi, F., 555  
 Powell, S.M., 607  
 Prendergast, H.M., 427  
 Probst, B., 499  
 Prologo, J.D., 605  
 Pronchik, D., 61  
 Pumberger, W., 307  
 Pursell, K.J., 530  
 Pursell, R.A., 192  
  
 Quinn, J.V., 187  
  
 Rabinovici, R., 491  
 Rabitsch, W., 4  
 Rah, B., 318  
 Ramundo, M.L., 323  
 Ranero, A., 431  
 Rdeos, M.S., 516  
 Reed, J., 61, 325, 497  
 Reeves, J.J., 108  
 Reeves, R.R., 495  
 Reichlin, S., 71  
 Reid, N., 335  
 Reilly, K., 133  
 Reiner, J., 318  
  
 Reiser, R.C., 448  
 Rembert, R.S., 335  
 Richman, P.B., 145  
 Riggs, R.L., 232  
 Robicsek, F., 622  
 Robicsek, S.A., 622  
 Rodgers, G.C., Jr., 335  
 Rogers, A.J., 534  
 Rose, J.S., 51  
 Rosenberg, M., 131  
 Rosioreanu, A., 504  
 Rossman, L., 101, 201, 454  
 Rostrup, M., 204  
 Rotelli, M.D., 181  
 Roth, K., 115  
 Rouse, W.G., 335  
 Rowe, B.H., 149  
 Rudkin, S.E., 575  
 Ruiz, R., 238  
 Ruthazer, R., 156  
  
 Sala, S., 501  
 Salik, R.M., 493  
 Salmi, R., 555  
 Samdani, A., 316  
 Sanders, G., 137  
 Sasaki, S., 245  
 Schaefer, K., 29  
 Scharfenberg, M., 629  
 Schechner, A.J., 330  
 Schellongowski, P., 4  
 Schindelheim, G.L., 503  
 Schoenenberger, R.A., 71  
 Schoevaerds, D., 123  
 Schors, M.P., 537  
 Schwartz, C., 294  
 Seki, T., 207  
 Selassie, A.W., 465  
 Selker, H.P., 156, 568  
 Settipane, R.A., 488  
 Shah, S., 270  
 Shaps, H.J., 138  
 Sharer, R., 530  
 Shermock, K.M., 1  
 Shesser, R., 318, 321  
 Shih, F.F.-Y., 105  
 Shih, H.-C., 425  
 Shih, R., 232, 315  
 Shukunami, K.-i., 242  
 Sierzenski, P., 589  
 Simon, H.K., 273, 534  
 Simon, N., 238  
 Simpson, R.B., 94  
 Singer, A.J., 582  
 Sloan, B., 129  
 Smithline, H.A., 280, 317  
 Snyder, G., 138, 197  
 Somerville, G., 129  
 Soorya, N., 427  
 Sözüer, E., 508  
 Sprecher, A.G., 87  
 Sriram, K., 601  
 Staudinger, T., 4  
 Stefania, L., 226  
 Stephani, R., 118  
 Stern, R.A., 249  
 Stromski, C., 497  
 Strout, T.D., 243

- Sun, G., 623  
Swanson, E.R., 286  
Szucs, P., 145
- Tandon, M., 491  
Tanno, K., 246  
Teach, S.J., 83  
Tejerina, E.E., 620  
Theodoro, D., 197  
Thomas, S.H., 474, 633  
Thomas, T., 135  
Thomassen, Ø., 204  
Thompson, R., 175  
Tiu, C.-M., 171  
Torres, R.A., 495  
Tran, T.V., 631  
Trope, A., 502  
Trzeciak, S., 530  
Tsai, C.-L., 499  
Tsai, K.-C., 125, 289  
Tsai, M.-C., 229  
Tsunoda, A., 63
- Ufberg, J., 596  
Ufberg, J.W., 612
- Vaickus, L., 29  
van Dun, P.J., 537  
van Olden, G.D.J., 522  
VanPee, D., 123  
Van Zwieten, K., 27  
Vargas, E.J., 310  
Variola, A., 62  
Vecchio, F.L., 631  
Velilla-Moliner, J., 320  
Vetter, R.S., 494  
Viccellio, A.W., 582  
Vivek, S., 330  
Vukmir, R.B., 90
- Wadman, M.C., 87  
Wallace, M., 331  
Wardensee, S.C., 254  
Wang, C.-C., 433  
Wang, H.-P., 507  
Wang, L.M., 214
- Wang, L.-M., 276  
Wang, S.-M., 229  
Warren, R.L., 405  
Watabiki, N., 63  
Watson, T., 310  
Watson, W.A., 335  
Wax, P., 249  
Wei, C.-J., 171  
Weinbroum, A.A., 24  
Weng, T.-I., 105, 432, 436, 492  
Wilsey, B., 51  
Wilson, D., 149  
Winsor, G.R., 474  
Witting, M., 10, 503  
Wittlake, W.A., 310  
Wolfe, J.M., 280  
Wolff, T.W., 594  
Wong, E., 612  
Workman, T.P., 37  
Wright, S.W., 444  
Wu, C.-H., 425  
Wynn, B.N., 101, 201, 454
- Yama, N., 245  
Yamamoto, L.G., 264, 497  
Yamashita, T., 63  
Yeh, K.-H., 433  
Yen, D.H.-T., 276  
Yen, Y.-L., 511  
Yip, P.-K., 141  
Yonemasu, Y., 245  
Yoshida, Y., 242  
Youniss, J., 335  
Yu, C., 171  
Yu, C.-Y., 229  
Yuan, A., 125, 289, 432, 436  
Yürümez, Y., 508
- Zahos, P., 316  
Zed, P.J., 192  
Zieren, J., 629  
Zimmers, T., 118  
Zoha, Z., 509  
Zou, B., 526  
Zun, L.S., 94, 175  
Zwemer, F.L., Jr., 460

# INDEX TO VOLUME 22

## Subjects

- Abdominal compartment syndrome, malignant ascites presenting as (letter), 430
- Abdominal endometrioma, masquerading as hernia (letter), 621
- Abdominal pain
  - acute, elderly patients, CT to alter decision-making in, 270
  - acute urolithiasis and, school-aged children, 108
  - psoas hypertrophy, mimicking retroperitoneal tumor (letter), 229
- Abdominal trauma, diaphragmatic rupture, emergency ultrasound diagnosis, 601
- Abscess
  - epididymal (letter), 505
  - water bath evaluation technique, emergency ultrasound, 589
- Acetaminophen
  - overdose, prolonged gastric emptying and hypomotility with, 548
  - pediatric toxic dose (letter), 323
- Achilles tendon, rupture, 596
- Acute agitation, schizophrenia, olanzapine with lorazepam for treatment, 181
- Acute coronary syndrome (ACS)
  - ED triage and outcome, impact of LVH and BBB on, 156
  - missed cardiac ischemia, limitations of diagnostic testing in the ED, 219
  - suspected, without pain, 568
- Addiction, pain management and, ED, 51
- Adjunctive therapy, thrombolytic and antithrombotic, ST-segment elevation MI, 14
- Admission, 72-hr return to emergency department and, risk factors, 448
- Advanced Trauma Life Support (ATLS), clinical impact of, 522
- Adverse effects, fluoxetine, exposures in children, 211
- Aging, effects on renal colic incidence, 560
- Airbags, ocular injuries related to use (letter), 135
- Airway
  - basic management, resuscitator, Oxylator EM-100 comparison with bag-valve device, 537
  - emergency, new needle cricothyroidotomy setup, 37
  - emergent, physician preference for drugs and adjuncts (letter), 325
  - fatal obstruction, induced by superior mediastinum bleeding (letter), 246
  - management, transtracheal ventilation catheters, 264
  - upper, obstruction, new needle cricothyroidotomy setup, 37
- Albuterol, endotracheal treatment, acute bronchospasm (letter), 506
- Allergic reaction, insect bites (letter), 631
- Altered consciousness, compromised intestinal blood flow, children, 307
- Ambulance, response time, reduction, model for, 164
- American Association of Poison Control Centers (AAPCC), Toxic Exposure Surveillance System, 2003 Annual Report, 335-404
- Amiodarone, digoxin and, ventricular tachycardia from (letter), 235
- Analgesia
  - mandated pain scales, in the ED, 582
  - morphine, effects on physical examination, acute appendicitis, 280
  - pain management, after discharge from ED, 98
- Anaphylaxis
  - appropriate use of epinephrine, 488
  - laryngeal edema and, after topical use of propolis (letter), 432
- Anemia, chronic, acute abdomen, Jehovah's witness (letter), 242
- Angioedema, hereditary, fresh frozen plasma for acute exacerbations (letter), 633
- Ankle
  - fracture or sprain, Ottawa Ankle Rule, nurse interpretation of, 145
  - injuries, update of validated clinical practice guidelines, 149
- Anogenital trauma, sexual assault, strangers versus known assailants, 454
- Antibiotic therapy
  - selected human bites treated without, low risk of infection, 10
  - triple topical versus mupirocin, wound infection, 1
- Antidepressants, tricyclic, overdose, prolonged gastric emptying and hypomotility with, 548
- Aortic intramural hematoma, presenting as acute inferior wall MI (letter), 433
- Aortobronchial fistula, hemoptysis caused by (letter), 499
- Apparent life-threatening event (ALTE), infant, ED evaluation after, 83
- Appendicitis, acute, morphine effects on physical examination, 280
- Arc eye, photokeratoconjunctivitis caused by different light sources, 511
- Arterial sheath, ED placement of, multiple trauma (letter), 245
- Ascites, malignant, presenting as abdominal compartment syndrome (letter), 430
- Aspiration pneumonitis, newly intubated patients, 612
- Asthma
  - acute, levalbuterol compared with racemic albuterol for, 29
  - education in the ED, patient's perspective on (letter), 499
- Back pain, chronic, in the ED, 444
- $\beta_2$ -Agonists, therapy for acute asthma, 29
- Bag-valve device, resuscitator, Oxylator EM-100 comparison with, efficacy and safety, 537
- Balassa, János, the first CPR, 622
- Basilica vein, spontaneous rupture (letter), 431
- Bioterrorism, mass smallpox immunization program, deployed military setting, 267
- Bispectral Index Monitor, sedation adequacy, intubated ED adults, 76
- Bites
  - brown recluse spider, presumptive, dapsone therapy (letter), 494
  - human, selected, treatment without antibiotics, 10
- Blood pressure monitoring, noninvasive, near-continuous, radial artery compression device for, 474
- Body weight, visual estimation in ED, accuracy of, 526
- Bougie introducer, use in difficult endotracheal intubations, 479
- Bowel incarceration, altered consciousness and lethargy from, children, 307
- Brain injury, traumatic, insurance status, race and gender effects on ED disposition, 465
- Bronchoconstriction, levalbuterol, compared with racemic albuterol for, 29
- Bronchodilator, levalbuterol compared with racemic albuterol, acute asthma, 29
- Bronchospasm, acute, endotracheal albuterol treatment (letter), 506
- Bundle branch block
  - LVH and, impact on ED triage and outcome in suspected ACS, 156
  - rate-related, wide-complex tachycardia (letter), 132
- Bupropion, overdose (letter), 231

- Calcaneal fracture, diagnosis and management, 607
- Carbamazepine, overdose, prolonged gastric emptying and hypomotility with, 548
- Carbon dioxide, end-tidal, portable COLIBRI, 4
- Carbon monoxide, poisoning, small cooking stove in tent, 204
- Cardiac arrest
- impending, CT findings (letter), 504
  - prehospital, urban, suburban or rural locale effects on survival, 90
  - sudden, acute viral myocarditis presenting as (letter), 628
- Cardiac ischemia, acute, suspected, but without pain, 568
- Cardiomyopathy, IV administration of metoprolol, sudden death (letter), 427
- Cardiopulmonary resuscitation (CPR)
- János Balassa, 622
  - performed by instructors, prediction of survival (letter), 331
- Cerebral artery, traumatic occlusion, 4-year-old child (letter), 626
- Cerebrovascular events, ischemic, stress reactions and, after terrorist attacks (letter), 226
- Charcoal, superactivated, acetaminophen levels and (letter), 496
- Chest pain
- LVH and BBB, impact on ED triage and outcome in suspected ACS, 156
  - subarachnoid hemorrhage presenting as (letter), 227
- Cholecystitis, acute, epiploic appendagitis mimicking (letter), 507
- Chorionic gonadotropins, diagnostic use, point of care systems and ED, 460
- Circadian rhythm, effects mortality, after acute MI, 555
- Clinical medicine, evaluation of systolic heart murmurs, noncardiologists in the ED, 71
- Clinical skills, life-saving, medical student attitudes (letter), 58
- Coban dressing, prevention of tourniquet effect, finger wounds in children, 594
- Cocaine, coronary syndromes, benzodiazepines *versus* NTG treatment (letter), 433
- Cognitive impairment, elderly patients in the ED (letter), 123
- Colorimetric Breath Indicator (COLIBRI), evaluation of, 4
- Communication barriers, lack of English proficiency, effect on admission rates from the pediatric ED, 534
- Complementary alternative medicine, patterns of use in ED, health care utilization and, 187
- Complications, inguinal hernias, 48
- Compression dressing, control of massive facial bleeding, gunshot wound, 586
- Computed tomography (CT)
- abdominal, in genitourinary injury after blunt trauma (letter), 509
  - acute abdominal pain, in elderly patients, 270
  - fat embolism, 605
  - features of acute pulmonary tuberculosis, 171
  - findings for impending cardiac arrest (letter), 504
  - hepatic portal venous gas, 214
  - pulmonary angiography and, PE and DVT, 301
  - for subarachnoid hemorrhage, emergency physician opinion, 115
- Coricidin, intoxication, severe manifestations of (letter), 624
- Corneal abrasion, from Vick's Vapor (letter), 333
- Coronary angioplasty, stenting and, retroperitoneal hematoma as a complication of (letter), 236
- Coronary embolus, prosthetic mitral valve and subtherapeutic anticoagulation (letter), 318
- Cortical blindness, in preeclampsia (letter), 631
- Cricothyroidotomy, new needle setup for emergency airway, 37
- Cricothyrotomy, transtracheal catheter gas flow rates, 264
- Critical care, resuscitation, morbidly obese patients, 40
- Cyanide, poisoning, hydroxocobalamin infusion for (letter), 492
- Dapsone, in presumptive brown recluse spider bites (letter), 494
- D-dimer, turbimetric assay, detection of pulmonary embolism, ED, 111
- Deep vein thrombosis (DVT)
- combined CT venography and pulmonary angiography, in the ED, 301
  - diagnosis in ED, real-time B-mode ultrasound, 197
- Dementia, new-onset mental status changes in (letter), 228
- Descending necrotizing mediastinitis, from upper respiratory infection (letter), 125
- Diabetic mastopathy (letter), 498
- Diagnosis
- Achilles tendon rupture, 596
  - diaphragmatic rupture, abdominal trauma, emergency ultrasound, 601
  - fat embolism, CT, 605
  - genital trauma, forced genital penetration, 101
  - lumbar puncture, for subarachnoid hemorrhage, EP acceptance, 115
  - turbimetric D-dimer assay, detection of pulmonary embolism, ED, 111
- Dichlorvos, poisoning, after intramuscular injection (letter), 328
- Digoxin, amiodarone and, ventricular tachycardia from (letter), 235
- Diphenhydramine, wide-complex dysrhythmia associated with (letter), 496
- Door-to-needle time, in acute MMI, tertiary ED, 192
- Droperidol, therapeutic doses, rare cardiovascular deaths with, 27
- Drug abuse, nitrous oxide, presenting as B12 deficiency and ataxia (letter), 124
- Dysrhythmia, wide-complex, associated with diphenhydramine (letter), 496
- Echocardiography, visualization of acute pulmonary embolus and thrombolysis, ED, 294
- Ecstasy, overdose, rapid cooling and successful outcome (letter), 326
- Education, minimum training, right upper quadrant ultrasound, 439
- Elderly patients
- acute abdominal pain, CT to alter decision-making in, 270
  - ED, cognitive impairment (letter), 123
  - medication lists, prevalence and accuracy (letter), 497
- Electrocardiography (ECG)
- cases, 118
  - misplacement of leads, pseudoinfarction pattern (letter), 62
  - QTc dispersion as prognostic factor, intracerebral hemorrhage, 141
  - ST segment elevation, disagreement in interpretation, 65, 120 (editorial)
- Emergency department (ED)
- agitated patient, ziprasidone for sedation (letter), 238
  - ambient noise level reduction, wireless telephone technology effects (letter), 316
  - analgesic administration, mandated pain scales, 582
  - arterial sheath placement, multiple trauma (letter), 245
  - asthma education in, patient's perspective on (letter), 499
  - changes caused by SARS epidemic, 483
  - chest tube drainage, life-threatening complication, 615
  - chronic pain in, 444
  - difficult intubations in, use of bougie introducer, 479
  - elderly patients, cognitive impairment in (letter), 123
  - evaluation of infant after life-threatening event, 83
  - evaluation of systolic heart murmurs, noncardiologists, 71
  - hepatic portal venous gas, CT findings, 214
  - 72-hour returns, risk factors for, 448
  - hyperammonemia, unusual causes in the ED, 105
  - intubated adults, Bispectral Index Monitor of sedation, 76
  - missed acute cardiac ischemia, 219

- most efficient place for treatment, 564
- neutropenic enterocolitis, in leukemia patients, 276
- noninvasive blood pressure monitoring in, radial artery compression device, 474
- on-call coverage, California, 575
- pain management after discharge, 98
- pain management in, 51
- pain relief in, patient expectations, 286
- patients presenting with suspected ACS, without pain, 568
- patterns of complementary and alternative medicine use, health care utilization and, 187
- pediatric, admission rates, lack of English proficiency effects, 534
- psychiatric 72-hour hold, information patients (letter), 495
- real-time B-mode ultrasound in, diagnosis of DVT, 197
- scrubs *versus* professional attire (letter), 61
- tertiary, door-to-needle time in acute MI, 192
- traumatic brain injury, insurance status, race and gender effects on disposition, 465
- triage, accuracy with psychiatric patients, 249
- triage and outcome, suspected ACS, LVH and BBB effects, 156
- turbimetric D-dimer assay, detection of pulmonary embolism, 111
- visual analog scale screening in, severe acute pain, 238
- visual estimation of body weight, accuracy of, 526
- Emergency management, Black Forest (letter), 59
- Emergency medical information, accuracy on the web, 94
- Emergency medical service, geographic information system simulation, reducing ambulance time, 164
- Emergency medicine
  - Ottawa Ankle Rule, nurse interpretation of, 145
  - Ottawa Ankle rule, ankle injuries, 149
  - solid-organ transplant patients, infections and sepsis in, 530
- Emergency physician
  - age and gender, patient preference for (letter), 503
  - ECG ST-segment elevation, source of error (editorial), 120
  - lumbar puncture or CT scan, for subarachnoid hemorrhage, 115
  - psychiatrist comparison, assessment of psychiatric patients, 175
- Endometrioma, abdominal wall, masquerading as hernia (letter), 621
- Endotracheal intubation
  - complicating emergent, tracheal rupture, 289
  - difficult, use of bougie introducer for, 479
  - laryngeal mask airway control *versus*, gear-protected physicians, 24
  - pulmonary aspiration of gastric contents, pepsin assay for, 612
- End-tidal carbon dioxide, concentrations, COLIBRI evaluation, 4
- Epididymal abscess (letter), 505
- Epinephrine, appropriate use in anaphylaxis, 488
- Epiploic appendagitis, mimicking acute cholecystitis (letter), 507
- Erythema multiforme, presenting in acute HIV infection (letter), 330
- Facial lacerations, repaired with tissue-adhesive, absorbable, and nonabsorbable sutures, 254
- Facial trauma, gunshot wound, control of bleeding with a compact elastic adhesive compression dressing, 586
- FAST
  - diaphragmatic rupture, blunt abdominal trauma, 601
  - use to prioritize treatment, head, chest, and torso wounds (letter), 491
- Fat embolism, CT diagnosis, 605
- Fibrinolysis, thrombolytic and antithrombotic therapy, ST-segment elevation MI, 14
- Fibrinolytic administration, for acute myocardial infarction, tertiary ED, door-to-needle time, 192
- Fluoxetine, exposures in children, 211
- Focused assessment by sonography in trauma. *see* FAST
- Foreign bodies, ear and nose, procedural sedation in the ED, children, 310
- Fractures
  - ankle, Ottawa Ankle Rule, nurse interpretation of, 145
  - calcaneal, diagnosis and management, 607
- Fresh frozen plasma, for acute exacerbations of hereditary angioedema (letter), 633
- Gallbladder, right upper quadrant ultrasound, minimum training for, 439
- Gallstone ileus, vomiting gravel (letter), 131
- Gastrectomy, acute intussusception 15 years after (letter), 425
- Gastric emptying, prolonged half-time, after drug overdose, 548
- Gastric hypomotility, after drug overdose, 548
- Gender
  - effects on renal colic incidence, 560
  - traumatic brain injury, ED disposition of, 465
- Genital trauma
  - forced digital penetration, 101
  - speculum examination, toluidine blue positive findings after, 201
- Genitourinary injury, after blunt trauma, delayed abdominal CT scans in (letter), 509
- Geographic information system, simulation model of EMS, reducing ambulance response time, 164
- Glasgow Coma Scale, prognostic factors in hanging, 207
- Guillain-Barré syndrome, presenting as ataxia (letter), 137
- Gunshot wound, facial, massive bleeding, control with compression dressing, 586
- Hand injuries, during Muslim sacrifice festival (letter), 508
- Hanging, prognostic factors, 207
- Headache
  - chronic pain, in the ED, 444
  - postpartum, from bilateral chronic subdural hematoma after dural puncture (letter), 241
- Health care utilization, patterns of complementary and alternative medicine use, ED, 187
- Heart murmurs, systolic, evaluation in ED by noncardiologists, 71
- Hemoptysis, caused by aortobronchial fistula (letter), 499
- Henoch Schönlein purpura, small bowel intussusception, spontaneous reduction (letter), 323
- Heparin, methanol poisoning and (letter), 620
- Hepatic portal venous gas, CT findings, 214
- Herbal detox cocktail, serotonin syndrome from (letter), 625
- Hernia, inguinal, diagnostic dilemmas, 48
- Human immunodeficiency virus (HIV), presenting with erythema multiforme (letter), 330
- Hydroxocobalamin, treatment for cyanide poisoning (letter), 492
- Hyperammonemia, unusual causes, ED, 105
- Hyperleukocytosis, presenting as myocardial ischemia (letter), 127
- Hypokalemia, rebound, potassium supplementation in thyrotoxic periodic paralysis, 544
- Infants, after life-threatening event, ED evaluation, 83
- Infectious disease, SARS, changes in ED paradigm caused by, 483
- Infection
  - low risk, human bites treated without antibiotics, 10
  - pulmonary tuberculosis, CT features of, 171
  - in solid-organ transplant patients, admitted from University-based ED, 530
  - uncomplicated soft tissue wound, topical triple antibiotic *versus* mupirocin, 1
- Inguinal hernias, diagnostic dilemmas, 48
- Injury, during World Police and Fire Games, 2001 (letter), 129



- Injury prevention, unpowered scooters, Consumer Product Safety Commission: 1995–2001, 273
- Insect bites, allergic reactions (letter), 631
- Internet, accuracy of emergency medical information, 94
- Intimate partner, violence, neural network model analysis for, 87
- Intracerebral hemorrhage, QTc dispersion as prognostic factor, 141
- Intubation. *see also* Endotracheal intubation  
emergent, tracheal rupture complicating, 289  
evaluation of an end-tidal portable ETCO<sub>2</sub>, 4
- Intussusception  
altered consciousness and lethargy from, children, 307  
small bowel, spontaneous reduction, Henoch Schönlein purpura (letter), 323  
15 years postgastrectomy (letter), 425
- IV drug user, acute septic sacroiliitis in (letter), 60
- Keratoconjunctivitis, caused by different light sources, 511
- Laryngeal mask airway, *versus* endotracheal intubation, gear-protected physicians, 24
- Left ventricular hypertrophy (LVH), BBB and, impact on ED triage and outcome in suspected ACS, 156
- Lethargy, compromised intestinal blood flow, children, 307
- Leukemia, acute, neutropenic enterocolitis in adult patients, 276
- Levalbuterol, compared with racemic albuterol, treatment of acute asthma, 29
- Lorazepam, adjunctive, with olanzapine, treatment of acute agitation in schizophrenia, 181
- Lumbar puncture  
diagnostic, after subdural hematoma (letter), 316  
for subarachnoid hemorrhage, emergency physician acceptance of, 115
- Lung disease, tuberculosis, CT features of, 171
- Mantle cell lymphoma, spontaneous splenic rupture as first sign of (letter), 629
- Mastopathy, diabetic (letter), 498
- Mediastinum bleeding, fatal upper airway obstruction induced by (letter), 246
- Medical clearance, psychiatric patients, comparison of emergency physicians and psychiatrists assessment of, 175
- Medical errors  
missed acute cardiac ischemia, ED, 219  
thrombolytic and antithrombotic therapy, ST segment elevation, 65  
visual estimation of body weight, in ED, 526
- Medical insurance, status, effects on ED disposition of traumatic brain injury patients, 465
- Medical students, attitudes toward life-saving clinical skills (letter), 58
- Mesenteric vein thrombosis, abdominal pain in (letter), 493
- Methanol, poisoning  
delayed absorption and postdialysis rebound (letter), 126  
heparin and (letter), 620
- Methemoglobinemia, iatrogenic, from benzocaine spray (letter), 226
- Metoprolol, sudden after IV administration, cardiomyopathy patient (letter), 427
- Military medicine, mass smallpox immunization program, deployed military setting, 267
- Mitral valve, prosthetic, subtherapeutic coagulation and, coronary embolus (letter), 318
- Monitoring, hemodynamic, radial artery compression device for, 474
- Morphine, effects on physical examination, acute appendicitis, 280
- Mortality  
circadian rhythms effects on, after acute MI, 555  
clinical impact of Advanced Trauma Life Support, 522
- Multiple organ dysfunction syndrome, associated with *Salmonella typhi* infection (letter), 138
- Myocardial infarction (MI)  
acute  
missed acute cardiac ischemia in the ED, 219  
tertiary ED, door-to-needle time, 192  
acute inferior wall, aortic intramural hematoma presenting as (letter), 433  
mortality after, effects of circadian rhythm, 555  
ST-segment elevation  
disagreement in interpretation of ECG, 65, 120 (editorial)  
thrombolytic and antithrombotic therapy, 14
- Myocarditis, viral, presenting as sudden cardiac arrest (letter), 628
- Neural network, model analysis, victims of intimate partner violence, 87
- Neuromuscular blockade, sedation adequacy, Bispectral Index Monitor, 76
- Neutropenic enterocolitis, leukemia patients, 276
- Nitroglycerin, treatment of serotonin syndrome, 510
- Nitrous oxide, abuse, presenting as B12 deficiency and ataxia (letter), 124
- Noise level, reduction, ED, wireless telephone technology effects (letter), 316
- Numeric Rating Scale, physician-assigned, clinically significant change in (letter), 243
- Nursemaid's elbow, bilateral (letter), 502
- Nurses, emergency medicine, interpretation of Ottawa Ankle Rule, 145
- Obesity, morbid, resuscitation of patients, 40
- Occupational disease, photokeratoconjunctivitis, caused by different light sources, 511
- Ocular injuries, airbag use and (letter), 135
- Olanzapine, accelerated dose titration, with lorazepam, for acute agitation in schizophrenia, 181
- Oligoanalgesia, mandated pain scales, in the ED, 582
- Opioids, pain management in the ED, 51
- Osborne wave, in tachycardia (letter), 623
- Ottawa Ankle Rule, nurse interpretation of, 145
- Outcome, QTc dispersion as prognostic factor, intracerebral hemorrhage, 141
- Overdose  
bupropion (letter), 231  
ecstasy, rapid cooling and successful outcome (letter), 326  
fluoxetine, in children, 211  
prolonged gastric emptying, hypomotility and, 548  
quetiapine, no QT interval prolongation associated with (letter), 330
- Oxylator EM-100, comparison with bag-valve device, basic airway management, 537
- Pain  
chronic, in the ED, 444  
relief in the ED, patient expectations, 286  
severe acute, visual analog scale screening in the ED (letter), 238  
sickle cell anemia, screening laboratory studies in pediatric patients, 258
- Pain management  
after discharge from ED, 98  
in the ED, 51
- Pain scales, analgesic administration and, in the ED, 582
- Patient expectations, pain relief in the ED, 286

- Patient satisfaction, pain management, after discharge from ED, 98
- Peak expiratory flow (PEF), predicted, differences across formulae, 516
- Pediatrics
- admission rates from the ED, lack of English proficiency effects, 534
  - compromised intestinal blood flow, altered consciousness and lethargy from, 307
  - ear and nose foreign bodies, procedural sedation in the ED for, 310
  - finger wounds, prevention of tourniquet effect, 594
  - fluoxetine exposures, 211
  - psoas hypertrophy, mimicking retroperitoneal tumor (letter), 229
  - sickle cell anemia pain, screening laboratory studies in, 258
  - toxic dose of acetaminophen (letter), 323
  - unpowered scooter injuries, Consumer Product Safety Commission: 1995-2001, 273
  - uroolithiasis, presentation variability, school-aged children, 108
- Pepsin assay, pulmonary aspiration of gastric contents, newly intubated patients, 612
- Pericardial effusion, intractable vomiting as initial presentation of (letter), 624
- Perirectal abscess, bedside emergency ultrasound (letter), 315
- Phenytoin, overdose, prolonged gastric emptying and hypomotility with, 548
- Photokeratoconjunctivitis, caused by different light sources, 511
- Photophthalmia, photokeratoconjunctivitis caused by different light sources, 511
- Pneumonia, aspiration, newly intubated patients, 612
- Pneumothorax, chest tube drainage, life-threatening complication from, ED, 615
- Podagra (letter), 320
- Point of care systems, pregnancy testing, ED length of stay and, 460
- Poisoning
- carbon monoxide, small cooking stove in tent, 204
  - cyanide, hydroxocobalamin infusion for (letter), 492
  - dichlorvos, after intramuscular injection (letter), 328
  - methanol
    - delayed absorption and postdialysis rebound (letter), 126
    - heparin and (letter), 620
  - organophosphate (fenitrothion), late administration of pralidoxime in (letter), 327
  - self-, gastric hypomotility after drug overdose, 548
- Portal vein, hepatic gas, CT findings, 214
- Potassium, supplementation, in thyrotoxic periodic paralysis, 544
- Practice guidelines
- predicted peak expiratory flow (PEF), differences across formulae, 516
  - update, Ottawa Ankle rule, ankle injuries, 149
- Pralidoxime, late administration, organophosphate (fenitrothion) poisoning (letter), 327
- Preeclampsia, cortical blindness in (letter), 631
- Pregnancy tests, point of care, ED length of stay and, 460
- Prehospital care, cardiac arrest, urban, suburban or rural locale effects on survival, 90
- Propolis, topical use, laryngeal edema and anaphylactic shock after (letter), 432
- Protective gear, antichemical, laryngeal mask airway *versus* endotracheal intubation in, 24
- Pseudoinfarction pattern, misplacement of ECG leads (letter), 62
- Psoas hypertrophy, mimicking retroperitoneal tumor, child with abdominal pain (letter), 229
- Psychiatric emergency medical services, ED triage accuracy, 249
- Psychiatric patients, comparison of emergency physicians and psychiatrists assessment of, 175
- Pulmonary aspiration, gastric contents, newly intubated patients, 612
- Pulmonary edema, complication from chest tube drainage, ED, 615
- Pulmonary embolism
- combined CT venography and pulmonary angiography, in the ED, 301
  - echocardiographic visualization of, ED, 294
  - locoregional thrombolysis in the ED (letter), 501
  - turbimetric D-dimer assay, detection in the ED, 111
- Pyopneumothorax, after blunt trauma (letter), 436
- QT prolongation, droperidol and, unexpected cardiovascular deaths, 27
- Quetiapine, overdose, no QT interval prolongation associated with (letter), 330
- Racemic albuterol, compared with levalbuterol, treatment of acute asthma, 29
- Racial issues, traumatic brain injury, ED disposition of, 465
- Radial artery, compression device, noninvasive, near-continuous blood pressure monitoring in the ED, 474
- Radiography, Ottawa Ankle rule, ankle injuries, 149
- Reference values, predicted peak expiratory flow (PEF), differences across formulae, 516
- Renal artery, ruptured aneurysm, presenting as hematuria (letter), 232
- Renal colic, effects of season, age, and gender on, 560
- Renal infarction, unusual presentation (letter), 437
- Reperfusion, thrombolytic and antithrombotic therapy, ST-segment elevation MI, 14
- Response time, ambulance, reduction, model for, 164
- Resuscitation
- cardiac arrest, urban, suburban or rural locale effects on survival, 90
  - morbidly obese patients, 40
  - prediction of survival, CPR instructors (letter), 331
- Resuscitator, comparison with bag-valve device, basic airway management, 537
- Retroperitoneal hematoma, complication of coronary angioplasty and stenting (letter), 236
- Rhabdomyolysis, simvastatin-induced (letter), 234
- Sacroiliitis, acute septic, in an IV drug user (letter), 60
- Salmonella typhi*, multiple organ dysfunction syndrome associated with (letter), 138
- Schizophrenia, acute agitation in, olanzapine with lorazepam for treatment, 181
- Season, effects on renal colic incidence, 560
- Sedation
- conscious, ear and nose foreign bodies, children, 310
  - evaluation of depth, Bispectral Index Monitor, 76
- Selective serotonin reuptake inhibitors (SSRI), exposures in children, 211
- Sepsis, in solid-organ transplant patients, admitted from University-based ED, 530
- Serotonin syndrome
- nitroglycerin in treatment of, 510
  - resulting from herbal detox cocktail (letter), 625
- Severe acute respiratory syndrome (SARS), changes in ED paradigm caused by, 483
- Sexual assault
- genital trauma, forced digital penetration, 101
  - speculum examination, toluidine blue positive findings after, 201
  - strangers *versus* known assailants, community-based population, 454

- Sickle cell anemia, pain episodes, screening laboratory studies in pediatric patients, 258
- Simvastatin, rhabdomyolysis induced by (letter), 234
- Smallpox, mass immunization program, deployed military setting, 267
- Soft tissue, water bath evaluation technique, emergency ultrasound, 589
- Specialty consultation, state of ED on-call coverage, California, 575
- Spirometry, predicted peak expiratory flow (PEF), differences across formulae, 516
- Spleen, spontaneous rupture, first sign of mantle cell lymphoma (letter), 629
- Stress reactions, ischemic CVAs and, after 9/11 terrorist attacks (letter), 226
- ST-segment elevation, acute MI  
disagreement in interpretation of ECG, 65, 120 (editorial)  
thrombolytic and antithrombotic therapy, 14
- Subarachnoid hemorrhage  
lumbar puncture, emergency physician acceptance of, 115  
presenting as chest pain (letter), 227
- Subdural hematoma  
after diagnostic lumbar puncture (letter), 316  
bilateral chronic, postpartum headache after dural puncture (letter), 241
- Suffocation, large vocal cord polyps (letter), 63
- Suicide, prognostic factors in hanging, 207
- Syphilis, meningovascular, improvement with T-PA (letter), 426
- Systole, cardiac murmurs, evaluation in ED by noncardiologists, 71
- Tachycardia, Osborne wave in (letter), 623
- Tendinopathy, Achilles tendon rupture, 596
- Tension chylothorax, caused by occult trauma (letter), 321
- Thrombolysis  
echocardiographic visualization of, ED, 294  
locoregional, for pulmonary embolism, in the ED (letter), 501
- Thrombolytic administration, for acute myocardial infarction, tertiary ED, door-to-needle time, 192
- Thyrotoxic periodic paralysis, potassium supplementation in, rebound hypokalemia and, 544
- Tissue-plasminogen activator (T-PA), for meningovascular syphilis (letter), 426
- Toluidine, speculum examination, sexual assault, 201
- Torsades de pointes* (TdP), QT prolongation leading to, droperidol and, 27
- Tourniquet effect, prevention of, finger wounds in children, 594
- Tracheal rupture, complicating emergent endotracheal intubation, 289
- Transtacheal ventilation, catheters, gas flow rates through, 264
- Trauma  
abdominal, diaphragmatic rupture, bedside ultrasound for, 601  
annotated bibliography of the recent literature—2003, 405–424  
anogenital, sexual assault, strangers versus known assailants, 454  
blunt  
genitourinary injuries, delayed abdominal CT scans in (letter), 509  
pyopneumothorax after (letter), 436  
cerebral artery occlusion, 4-year-old child (letter), 626  
clinical impact of Advanced Trauma Life Support, 522  
facial, massive bleeding from gunshot wound, compression dressing for, 586  
genital  
forced digital penetration, 101  
speculum examination, toluidine blue positive findings after, 201  
head, chest, and torso wounds, FAST to prioritize treatment (letter), 491  
missed injury, calcaneal fractures, 607  
multiple, endovascular management of (letter), 245  
occult, tension chylothorax caused by (letter), 321  
Tuberculosis, pulmonary, CT features of, 171
- Ultrasonography  
bedside emergency  
diaphragmatic rupture in blunt abdominal trauma, 601  
in perirectal abscess (letter), 315  
water bath evaluation technique for, 589  
education, 439  
real-time B-mode, diagnosis of DVT in the ED, 197  
Ultraviolet rays, photokeratoconjunctivitis caused by, 511  
Upper respiratory infection, descending necrotizing mediastinitis from (letter), 125  
Urolithiasis, acute, presentation variability, school-aged children, 108
- Vaccination, mass smallpox immunization program, deployed military setting, 267
- Ventilation, new needle cricothyroidotomy setup, 37
- Ventricular tachycardia  
bidirectional, from digoxin and amiodarone treatment (letter), 235  
refractory, acute viral myocarditis presenting as (letter), 628
- Violence, intimate partner, neural network model analysis for, 87
- Visual analog cosmesis scale (VACS), facial lacerations outcomes, 254
- Vocal cords, large polyps, suffocation caused by (letter), 63
- Vomiting  
acute urolithiasis and, school-aged children, 108  
gravel (letter), 131  
intractable, first sign of pericardial effusion (letter), 624
- Welding, photokeratoconjunctivitis caused by, 511
- Wide-complex tachycardia, rate-related bundle branch block (letter), 132
- World Police and Fire Games, 2001, injury incidence (letter), 129
- Wound care  
facial  
massive bleeding from gunshot wound, compression dressing for, 586  
repaired with tissue-adhesive, absorbable, and nonabsorbable sutures, 254  
finger, preventing tourniquet effect in children, 594  
infection prevention, topical triple antibiotic versus mupirocin, 1
- Ziprasidone, sedation of agitated patient, ED (letter), 238



